

Linear Equations Problem Set #2

Write the slope-intercept form of the equation of the line described.

1) through: $(1, 2)$, parallel to $y = 4x$

2) through: $(5, 5)$, parallel to $y = \frac{7}{5}x$

Write the slope-intercept form of the equation of the line through the given points.

3) through: $(0, -1)$ and $(-5, 4)$

4) through: $(-1, -3)$ and $(0, -1)$

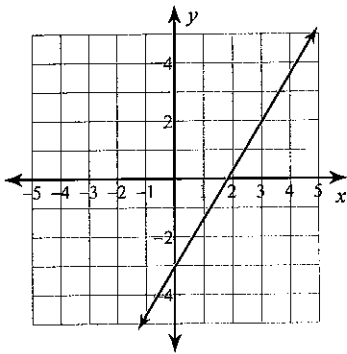
Factor each completely.

5) $x^2 + 4x$

6) $k^2 - 10k + 21$

Write the slope-intercept form of the equation of each line.

7)



8)

